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(54) Title: USE OF MYCOBACTERIAL VACCINES IN CD4⁺, OR CD8⁺, LYMPHOCYTE-DEFICIENT MAMMALS

(57) Abstract: Methods of treating a mammal that is deficient in CD4⁺ and/or CD8⁺ lymphocytes are provided. The methods comprise inoculating the mammal with an attenuated mycobacterium in the M. tuberculosis complex. In these methods, the mycobacterium comprises two deletions, wherein a virulent mycobacterium in the M. tuberculosis complex having either deletion exhibits attenuated virulence. Use of these mycobacteria for the manufacture of a medicament for the treatment of mammals deficient in CD4⁺ and/or CD8⁺ lymphocytes is also provided.

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